

# AT-2450FTX Series, Fast Ethernet PCI Adapter Cards

AT-2450FTX, Fiber Ethernet + UTP Fast Ethernet adapter card (Low profile card option available)



## KEY FEATURES

Advanced diagnostics

Advanced installation utility

PXE remote booting available

Traffic and troubleshooting LEDs

Support for all popular Operating systems

Fault Tolerant driver support

ACPI/Wake On Lan (WOL) support

Copper and fiber ports for flexibility

User guide

Lifetime warranty

## FLEXIBILITY

Allied Telesyn's AT-2450FTX PCI adapter offers a flexible network access solution in environments where 10Mbps fiber co-exists with 10/100Mbps copper cabling. This is a common occurrence in networks that deploy fiber to increase certain segment lengths or to protect data integrity in high emissions areas such as manufacturing. By having both 10Mbps fiber and 10/100Mbps copper connectors on a single card, network administrators need only open a PC case once and install the AT-2450FTX card. The PC may then be deployed and redeployed quickly and cost-effectively, regardless of the cabling connection.

## STANDARD & LOW-PROFILE FORMATS

The AT-2450FTX adapter is available in both traditional and new low-profile PCI formats. The new low-profile format uses a smaller 2.5" access slot, rather than the traditional 4.2" slot. Low-profile designs are being adopted by all the major PC manufacturers in order to offer smaller desktop systems with expansion capabilities equivalent to, or better than, previous-generation systems.

## PERFORMANCE

Allied Telesyn PCI bus adapter cards are designed to get the maximum performance from your PC. By off-loading almost all of the Fast Ethernet networking functions to the adapter card, the CPU in a computer is free to run applications faster. The card also operates in both full and half-duplex modes, allowing the user to double the performance of the network.

## STANDARDS BASED

The AT-2450FTX network adapter card supports Microsoft's latest standards, including ACPI, OnNow power management and DMI network management functions. AT-Setup, Allied Telesyn's user-friendly installation utility, simplifies installation under Windows 98, ME, 2000 and XP.

## DRIVERS & SUPPORT

Users of Allied Telesyn adapters can find drivers, firmware updates, other software and documentation at Allied Telesyn's web site free of charge, 24 hours a day. Allied Telesyn's online knowledge base also provides an interactive tool for identifying solutions to customer's technical issues.

## ABOUT ALLIED TELESYN, INC.

Allied Telesyn, Inc. leads the world in network technologies for the access edge. Since the company's inception in 1987, Allied Telesyn has been developing IP-based network products for use in video, voice and data networks at the metro edge, in education, government agencies and across the enterprise. Allied Telesyn's access, aggregation and core transport technologies range from simple Ethernet adapters, hubs and media converters to robust multi-layer Gigabit Ethernet switches and routers, wireless systems, DTM and WDM transport solutions for delivering real-time voice, video and data. Allied Telesyn's comprehensive support and professional service programs are suited to meet the growing demands of today's switched broadband infrastructures.

[www.alliedtelesyn.com](http://www.alliedtelesyn.com)

# ADAPTERS

 **Allied Telesyn**  
Simply connecting the  world

# AT-2450FTX Series, Fast Ethernet PCI Adapter Cards

## STATUS INDICATORS

UTP Ports:	Solid on indicates valid link to hub or switch
Link Activity	Flashing indicates network activity
Speed	Solid on indicates 100Mbps operation
Duplex	Solid on indicates full duplex operation

## PC BUS INTERFACE

Bus Interface	PCI Bus 2.1 Compliant
Bus Width	32 bit
Data Transfer mode	PCI 2.1 Bus Mastering
Network Mng. Interface	DMI 2.0 Support
Power Mng. Interface	ACPI

## UTP INTERFACE

Connector	Shielded	RJ-45, MDI
-----------	----------	------------

## 10MBPS FIBER INTERFACE

Connectors	ST or SC
Fiber type	62.5/125 $\mu$ M multi-mode fiber
Output Power	Min -18.8dB, Typical -15.8dB, Max -13.8dB

## DRIVER SUPPORT

16 bit ODI	Netware workstation
32 bit ODI	Netware server
NDIS 2.0.1	MSDOS client
NDIS 3.0 miniport	Win95 retail
NDIS 4.0	NT 4.0, Win95 OSR2
NDIS 4.0	Fault Tolerance
NDIS 5.0	Win98, Win2000, WinME, WinXP

## POWER CHARACTERISTICS

5vDC at 5W (typical)

## ENVIRONMENTAL SPECIFICATIONS

Operating Temp.	10°C to -55°C
Relative Humidity	5% to 80% noncondensing

## PHYSICAL CHARACTERISTICS

Dimensions	10.7cm x 15.3cm (4.2" x 6.4") half size form factor
Weight	120g (4.2oz)

AT-2450FTX/LP low profile cards:

Dimensions	6.5cm x 14.3cm
------------	----------------

## STANDARDS COMPLIANCE

IEEE 802.3u	10T & 100TX
IEEE 802.3u	100FX

## ELECTRICAL/MECHANICAL APPROVALS

FCC class B
VDE class B
CE

## ORDERING INFORMATION

### AT-2450FTX/AA

Adapter card with one 10FL and one 10/100TX connection

### AT-2450FTX/LP/AA

Low profile adapter card with one 10FL and one 10/100TX connection

Where AA =  
ST, SC, MT-RJ or VF-45

20 packs are available for additional savings

**USA Headquarters:** 19800 North Creek Pkwy, Suite 200, Bothell, WA 98011, USA • Tel: 800.424.4284 • Fax: 425.481.3895

**European Headquarters:** Via Motta 24, 6830 Chiasso, Switzerland • Tel: +41 (91) 697.69.00 • Fax: +41 (91) 697.69.11

[www.alliedtelesyn.com](http://www.alliedtelesyn.com)

© 2002 Allied Telesyn, Inc. All rights reserved. Information in this document is subject to change without notice.  
All company names, logos, and product designs that are trademarks or registered trademarks are the property of their respective owners.

617-00349-00 Rev. B

 **Allied Telesyn**  
Simply connecting the  world